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Substitute for form 1449A/PTO		Complete if Known		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/052,821	
		Filing Date	Nov. 10, 2002	
		First Named Inventor	HEINONEN	
		Group Art Unit	2681	
		Examiner Name		
Sheet		of	Attorney Docket Number	0143US-Locus

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages Columns Lines Where relevant passages or relevant figures appear
		Number	Kind Code (If Known)			
NM		6,101,390		Jayaraman	Aug. 8, 2000	RECEIVED SEP 23 2002 Technology Center 2600

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.†	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages Columns Lines Where Relevant Passages or Relevant Figures Appear	T6
		Office3	Number	Kind Code (If Known)				
NM		WO	98/34124		Birchler	Aug. 6, 1998		

NON PATENT DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers, publisher, city and/or country where published.	T6

Examiner Signature		Date Considered	9/28/04
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\*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.



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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(Use as many sheets as necessary)</small>		Application Number	10/052,821
		Filing Date	Nov. 10, 2002
		First Named Inventor	HEINONEN
		Group Art Unit	2681
		Examiner Name	
Sheet <u>1</u> of <u>1</u>	Attorney Docket Number	0143US-Locus	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages Columns Lines Where relevant passages or relevant figures appear
		Number	Kind Code (If Known)			
NM		6,161,018		Reed	Dec. 12, 2000	RECEIVED OCT 04 2002 Technology Center 2600

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages Columns Lines Where Relevant Passages or Relevant Figures Appear	T6
		Office3	Number	Kind Code (If Known)				
NM		EP	1 022 578	A2	Shimada	July 26, 2000		

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Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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### Complete if Known

Application Number	10/052,821
Filing Date	Nov. 10, 2001
First Named Inventor	HEINONEN
Group Art Unit	2681
Examiner Name	
Attorney Docket Number	0143US-Locus

Page 1 of 1

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers), publisher, city and/or country where published.	T2
NM	AA	Tracking Mobile Phones in Urban Areas, Christer Åkerbom, Thesis work presented in Chalmers University and Göteborg University, in Göteborg, Sweden, September 2000	
NM	AB	Applying pattern recognition techniques based on hidden Markov models for vehicular position location in cellular networks, Stefan Mangold and Sofoklis Kyriazakos, Paper presented in the 50th IEEE Vehicular Technology Conference on September 2nd, 1999, in Amsterdam, the Netherlands.	
NM	AC	Radar: an in-building RF-Based User Location and Tracking System, Paramvir Bahl and Venkata N. Padmanabhan, Microsoft Research, Microsoft Inc. Redmond WA. March 2000.	
NM	AD	Overview of 2G LCS Technologies and Standards, Motorola Inc., marked as LCS-010019, provided in a 3GPP TSG SA2 LCS Workshop in London, UK 11-12 January 2001	
NM	AE	Location Tracking of Mobiles in Cellular Radio Networks, Martin Hellebrandt and Rudolf Mathar, IEEE Transactions on vehicular technology, Vol. 48 No. 5, September 1999	
NM	AF	Database Correlation for GSM Location: Heikki Laitinen, Jaako Lähteenmki, Tero Nordström, a paper presented at the IEEE Vehicular Technology Conference 2001, 6-9 May, 2001, Rhodes Island, Greece	
NM	AG	Cellular Network Optimisation Based on Mobile Location (CELLO), Jaakko Lähteenmaki, VTT Information Systems, VTT, Helsinki, Finland, January 2001	

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